

# MPLRF

MULTI PULSE LASER RANGE  
FINDER

HIGH REPETITION RATE  
LONG DISTANCE MEASUREMENT  
INTEGRATED BORESIGHT SCOPE  
MARINIZED DESIGN AVAILABLE





# MPLRF

## MULTI PULSE LASER RANGE FINDER

### Applications

- Air Defense Weapon Systems
- Target Tracking Systems
- Multi Sensor Platforms

### Main Features

- Computer Controlled
- First/Last Reflection Selection
- Adjustable Target Masking
- Up to 8 Target Measurement

### Technical Specifications

- |                               |                      |
|-------------------------------|----------------------|
| • Laser Type                  | : ND-YAG             |
| • Wavelength                  | : 1.06 $\mu\text{m}$ |
| • Pulse Energy                | : > 80 mJ            |
| • Repetition Rate             | : 20 pps             |
| • Duty Cycle                  | : Continuous         |
| • Range                       | : 150m – 20.000m     |
| • Range Resolution / Accuracy | : 5m/ $\pm$ 5 m      |
| • Divergence                  | : < 2 mrad           |
| • Detector Type               | : APD                |
| • Power Interface             | : MIL-STD-1275D      |
| • Weight                      | : < 21 kg            |

### Environmental Conditions

- |                         |                  |
|-------------------------|------------------|
| • Operating Temperature | : -32°C to +52°C |
| • Storage Temperature   | : -40°C to +70°C |
| • Environmental Spec    | : MIL-STD-810G   |

